

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	30	(US-20030055640-\$ or US-20060074824-\$ or US-20040049514-\$ or US-20040006574-\$).did. or (US-5832182-\$ or US-7194483-\$ or US-7246125-\$ or US-7076502-\$ or US-7283971-\$ or US-7139703-\$ or US-5708774-\$ or US-5901246-\$ or US-6745184-\$ or US-5136686-\$ or US-5568590-\$ or US-5581657-\$ or US-7711662-\$ or US-5930780-\$ or US-6182245-\$ or US-6711607-\$ or US-6782515-\$ or US-6918098-\$ or US-7395250-\$ or US-5806061-\$ or US-7167856-\$ or US-7206778-\$ or US-7444308-\$ or US-7171427-\$ or US-6829695-\$ or US-6334123-\$).did.	US-PGPUB; USPAT	OR	OFF	2010/11/21 17:07
L2	2	1 and query and database and bitmap and indexing and selection	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/21 17:08
L3	0	1 and range and bitmap and indexing and selection not 2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/21 17:09
L4	870	(selecting near3 algorithm) and profiling metrics and recompil\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/21 17:13
L5	116	4 and range and indexing and selection	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/21 17:14

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L6	1	5 and "717"/\$.ccls. and @rlad<"20030708"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/21 17:14
L7	16	5 and "717"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/21 17:15
L8	8	1 and range and indexing and selection	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/21 17:25
S1	179	(threshold hit miss) same ((count number) and ((boolean "AND" "OR") near5 expression))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/16 16:09
S2	193	threshold same ((hit miss)(count number)) same (performance and dimension)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/16 16:11
S3	1	S1 and S2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/16 16:11
S4	0	"break-even point" same algorithm same (dimension with variable)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/16 17:11

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S5	0	"break-even" same ((dimension with variable) and threshold)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/16 17:11
S6	2	"6381564".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/17 12:41
S7	8	("7653452" "7725900" "7730053" "7752628").pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/17 12:48
S8	2	S7 and threshold.clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/17 12:50
S9	9	Sauermann.in. and threshold.clm. and (balanc\$4 distribut\$4 reassign\$4 ((range dimension size) same (measur\$4 comput\$4))).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/17 12:52
S10	15053	((re-adopt\$4 adopt\$3 choos\$4 select\$4 tuning adapt\$4) near5 (task procedure algorithm method)) same ((associated based according dependen\$4 function) same (profile performance operational (metrics value)) same (vector range threshold maximum minimum buffer))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/17 15:31
S11	32894	(re-adopt\$4 adopt\$3 choos\$4 select\$4 tuning adapt\$4) same ((associated based according dependen\$4 function) same ((profile performance operational measured collected current) with (metrics value)) same (vector range threshold maximum minimum buffer))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/17 15:33

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S12	835	S10 and S11 and (performance with (profile metrics measurement range value threshold))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/17 15:35
S13	834	(re-adopt\$4 adopt\$3 choos\$4 select\$4 tuning adapt\$4 finetun\$3 tuned (determin\$4 near5 "the best")) with (software process procedure method heuristic algorithm) and S12	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/17 15:37
S14	297	S13 and (compar\$4 with ((range limit value interval) and (min max threshold maximum minimum)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/17 15:39
S15	89	S14 and (metrics parameter profile (degree near complexity)) near6 (task algorithm operation query filtering)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/17 15:41
S16	0	S15 and (data resource DB) near8 (fetch read retriev\$3 find\$4 search\$4) same ((operation database DB relational record) near4 (boolean expression query))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/17 15:45
S17	147873	(query DB with request) and ((data resource DB) near8 (fetch read retriev\$3 find\$4 search\$4)) ((operation database DB relational record) near4 (boolean expression query))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/17 15:46
S18	8060	(query DB with request) and (((data resource DB) near8 (fetch read retriev\$3 find\$4 search\$4)) and complexity and ((operation database DB relational record) near4 (boolean expression query)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/17 15:47

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S19	17	S18 and (S14 S13 S15)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/17 15:47
S20	16	S19 not Sauermann.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/17 15:48
S21	402	(obtain\$4 comput\$4 generat\$4 deriv\$3 select\$4 determin\$4 find\$3) near5 "best" with ((complexity query search) near4 (heuristic algorithm))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/17 15:51
S22	96	S21 and (S17 S18 S12)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/17 15:52
S23	2	S22 and S14	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/17 16:15
S24	65	("best" near4 (search complexity) near4 (heuristic algorithm)) and ((structured database boolean operation) near6 (expression query))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/17 16:22
S25	65	S24 and (S10 S13 S17 S18)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/17 16:23

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S26	21	S25 and (threshold with ("below" "above") with (determin\$3 select\$3 compar\$3 match\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/17 16:26
S27	87	("5832182").URPN.	USPAT	OR	OFF	2010/11/17 16:34
S28	1	"7194483".pn.	USPAT	OR	OFF	2010/11/17 16:38
S29	1	S28 and (("best" near4 (search complexity) near4 (heuristic algorithm)) ((structured database boolean operation) near6 (expression query)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/17 16:39
S30	35	S27 and (("best" near4 (search complexity) near4 (heuristic algorithm)) ((structured database boolean operation) near6 (expression query)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/17 16:39
S31	9	S30 and ((threshold reference floor ceiling min max) with ("below" "above") with (determin\$3 select\$3 compar\$3 match\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/17 16:41
S32	3	"best algorithm" same ((query search) near5 (engine heuristic)) and (partition\$4 divid\$3 separat\$3 balanc\$3) with (space range cluster vector interval dimension group portion)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/17 16:49
S33	1	("best algorithm" same (query search)) and ((iterative incremental finetun\$3 tuning) same (partition\$4 divid\$3 separat\$3 balanc\$3) same (space range cluster vector interval dimension group portion))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/17 16:51
S34	0	("best algorithm" same (query search)) same ((iterative incremental finetun\$3 tuning) and (partition\$4 divid\$3 separat\$3 balanc\$3) same (space range cluster vector interval dimension group portion))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/17 16:51

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S35	2	"best algorithm" and ((query search ((database DB record) with (match retriev\$4)))) same ((iterative incremental finetun\$3 tuning) and (partition\$4 divid\$3 separat\$3 balanc\$3) same (space range cluster vector interval dimension group portion))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/17 16:53
S36	7	"best algorithm" and ((query search ((database DB record) with (match retriev\$4)))) same ((iterative incremental fine-tun\$3 tuning) and (partition\$4 divid\$3 separat\$3 balanc\$3) same (space range cluster vector interval dimension group portion))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/17 16:53
S37	41	"best algorithm" and ((query search ((database DB record) with (match retriev\$4)))) same ((iterative incremental fine-tun\$3 tuning select\$4) and (partition\$4 divid\$3 separat\$3 balanc\$3) same (space range cluster vector interval dimension group portion))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/17 16:53
S38	2	"7283971".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/17 16:55
S39	25	(parameter near5 training) and ("best" near3 algorithm) and ((range threshold cluster\$4 partition group "candidate set") same (match\$4 hit suit\$4 compar\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/17 16:58
S40	8	("2003/0055640").URPN.	USPAT	OR	OFF	2010/11/17 17:00
S41	0	"best algorithm" and S40	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/17 17:01
S42	0	"best heuristic" and S40	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/17 17:01

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S43	9	("20020059154" "20020077756" "20020178132" "20020184569" "20030002690" "20030004906" "5708774" "5832466" "6177249").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/17 17:04
S44	56	("5708774").URPN.	USPAT	OR	OFF	2010/11/17 17:06
S45	193	(training NEAR3 set) and (find\$3 tuning determin\$3) near4 ("best" with (heuristic search algorithm complexity))	USPAT	OR	OFF	2010/11/17 17:10
S46	61	S45 and (S14 S13 S18 S17 S21)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/17 17:11
S47	53	S46 and (search query) near8 (heuristic operation algorithm)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/17 17:12
S48	221	(training NEAR3 set) and (find\$3 tuning determin\$3) near4 ("best" with (heuristic search algorithm complexity solution))	USPAT	OR	OFF	2010/11/17 17:13
S49	66	S48 and (S14 S13 S18 S17 S21)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/17 17:13
S50	12	S49 and ((threshold reference floor ceiling min max) with ("below" "above") with (determin\$3 select\$3 compar\$3 match\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/17 17:14

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S51	64	("20020156773" "20030055614" "20030088458" "20040133355" "4796194" "5136686" "5195172" "5233513" "5428712" "5568590" "5581657" "5617510" "5708774" "5737581" "5761381" "5761494" "5793931" "5809489" "5858462" "5864633" "5867397" "5890133" "5890146" "5897629" "5930780" "5963447" "5963939" "5970487" "5987457" "6029139" "6055523" "6098059" "6125351" "6253200" "6321205" "6327582" "6336110" "6408263" "6411373" "6424358" "6430545" "6434435" "6434542" "6449761" "6480832" "6513024" "6523016" "6571282" "6576919" "6745184" "6760335" "6895405" "6912587" "6928434" "6934405" "6950270" "6950712" "6957200" "6996560" "7000700" "7003504" "7070647" "7117202" "7190116").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/17 17:18
S52	35	(US-7299451-\$ or US-7272752-\$ or US-7263634-\$ or US-7260750-\$ or US-7260744-\$ or US-7246291-\$ or US-7219354-\$ or US-7213122-\$ or US-7165240-\$ or US-7143024-\$ or US-7089534-\$ or US-7065676-\$ or US-7055065-\$ or US-6985937-\$ or US-6976258-\$ or US-6973643-\$ or US-6973560-\$ or US-6948003-\$ or US-6918098-\$ or US-6909691-\$ or US-6907421-\$ or US-6889158-\$ or US-6880109-\$ or US-6782515-\$ or US-6754716-\$ or US-6741973-\$).did. or (US-6732211-\$ or US-6711607-\$ or US-6625760-\$ or US-6560613-\$ or US-6529985-\$ or US-6393490-\$ or US-6353897-\$ or US-6282527-\$ or US-6192512-\$).did.	USPAT	OR	OFF	2010/11/17 17:25
S53	0	("best" near4 (search complexity) near4 (heuristic algorithm solution)) and S52	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/17 17:26
S54	2	("best" near4 (search complexity heuristic algorithm solution)) and S52	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/17 17:26

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S55	35	(US-7299451-\$ or US-7272752-\$ or US-7263634-\$ or US-7260750-\$ or US-7260744-\$ or US-7246291-\$ or US-7219354-\$ or US-7213122-\$ or US-7165240-\$ or US-7143024-\$ or US-7089534-\$ or US-7065676-\$ or US-7055065-\$ or US-6985937-\$ or US-6976258-\$ or US-6973643-\$ or US-6973560-\$ or US-6948003-\$ or US-6918098-\$ or US-6909691-\$ or US-6907421-\$ or US-6889158-\$ or US-6880109-\$ or US-6782515-\$ or US-6754716-\$ or US-6741973-\$).did. or (US-6732211-\$ or US-6711607-\$ or US-6625760-\$ or US-6560613-\$ or US-6529985-\$ or US-6393490-\$ or US-6353897-\$ or US-6282527-\$ or US-6192512-\$).did.	USPAT	OR	OFF	2010/11/18 08:23
S56	35	(US-7299451-\$ or US-7272752-\$ or US-7263634-\$ or US-7260750-\$ or US-7260744-\$ or US-7246291-\$ or US-7219354-\$ or US-7213122-\$ or US-7165240-\$ or US-7143024-\$ or US-7089534-\$ or US-7065676-\$ or US-7055065-\$ or US-6985937-\$ or US-6976258-\$ or US-6973643-\$ or US-6973560-\$ or US-6948003-\$ or US-6918098-\$ or US-6909691-\$ or US-6907421-\$ or US-6889158-\$ or US-6880109-\$ or US-6782515-\$ or US-6754716-\$ or US-6741973-\$).did. or (US-6732211-\$ or US-6711607-\$ or US-6625760-\$ or US-6560613-\$ or US-6529985-\$ or US-6393490-\$ or US-6353897-\$ or US-6282527-\$ or US-6192512-\$).did.	USPAT	OR	OFF	2010/11/18 10:59
S57	17	S56 and (training test) near4 (test data set)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/18 10:59
S58	2	S57 and (range threshold criteria) and ("best" near4 (heuristic method algorithm solution configuration))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/18 11:01

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S59	20	(US-20030055640-\$ or US-20040133355-\$). did. or (US-5832182-\$ or US-7194483-\$ or US-7246125-\$ or US-7076502-\$ or US-7283971-\$ or US-7139703-\$ or US-5708774-\$ or US-5901246-\$ or US-6745184-\$ or US-5136686-\$ or US-5568590-\$ or US-5581657-\$ or US-7711662-\$ or US-5930780-\$ or US-6182245-\$ or US-6711607-\$ or US-6782515-\$ or US-6918098-\$).did.	US-PGPUB; USPAT	OR	OFF	2010/11/18 11:03
S60	11	S59 and (("best" "most") near6 (algorithm solution heuristic))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/18 11:04
S61	7	S60 and (data search query) near5 (retriev\$4 heuristic algorithm\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/18 11:05
S62	174	((range size dimension cluster threshold criteria (accepta\$4 near3 level)) same (select\$4 adapt\$4 reconfigur\$4 resubmit\$4 retest)) and ((training fitness) near6 (set value)) and (search near4 heuristic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/18 11:11
S63	20	("best" near4 (search complexity) near4 (heuristic algorithm solution)) and S62	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/18 11:12
S64	45	(search near4 query).ab. and genetic and ((range threshold dimension) same (algorithm set neighbor))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/18 11:29
S65	1	("7363296").URPN.	USPAT	OR	OFF	2010/11/18 11:31

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S66	32	("20020123988" "20020133481" "20030212699" "20040002973" "20040010497" "20040049514" "20040199419" "20050149504" "20050210042" "20050234904" "4417321" "6070158" "6178419" "6334131" "6526440" "6529903" "6606620" "6615209" "6658423" "6678681" "6701314" "6714929" "6725259" "6728932" "6757667" "6785671" "6810395" "6944609" "7003513" "7010527" "7219090" "7219099").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/18 11:32
S67	835	(range near3 query) and algorithm	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/18 11:47
S68	7	("best" near4 (search complexity fit) near4 (heuristic algorithm solution path)) and S67	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/18 11:47
S69	14	("best" near4 (search complexity fit) same (heuristic algorithm solution path)) and S67	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/18 11:52
S70	7	S69 not S68	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/18 11:52
S71	973	(bitmap indices array one-dimensional) and (multi-dimensional same algorithm)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/18 12:12
S72	245	S71 and (("best" "most") near6 (algorithm solution heuristic))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/18 12:13

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S73	81	((range size dimension cluster threshold criteria (accepta\$4 near3 level)) same (select\$4 adapt\$4 reconfigur\$4 resubmit\$4 retest)) and ((training fitness dimension) near6 (set value union intersect aggregate)) and (search query same range) and S72	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/18 12:15
S74	56	(US-20060167784-\$ or US-20060101017-\$ or US-20060064415-\$ or US-20060059028-\$ or US-20050050087-\$ or US-20050049990-\$ or US-20040225629-\$ or US-20040044662-\$ or US-20030187697-\$ or US-20030187696-\$ or US-20030088401-\$ or US-20030004938-\$ or US-20020194159-\$ or US-20020103793-\$ or US-20020008657-\$ or US-20010042004-\$ or US-20050246314-\$ or US-20090271342-\$ or US-20090313041-\$ or US-20100235285-\$).did. or (US-7805388-\$ or US-7693335-\$ or US-7676442-\$ or US-7630910-\$ or US-7624074-\$ or US-7617163-\$ or US-7590589-\$ or US-7565370-\$ or US-7542947-\$ or US-7475048-\$ or US-7444308-\$ or US-7426499-\$ or US-7318051-\$ or US-7167856-\$ or US-7124075-\$ or US-7120623-\$ or US-7117187-\$ or US-6973459-\$ or US-6858007-\$ or US-6760724-\$ or US-6675164-\$ or US-6571227-\$ or US-6453246-\$ or US-6404380-\$ or US-6341130-\$ or US-6161209-\$).did. or (US-6148274-\$ or US-6117180-\$ or US-6064819-\$ or US-6004015-\$ or US-5959574-\$ or US-5537119-\$ or US-5499030-\$ or US-7401057-\$ or US-7490071-\$ or US-7730063-\$).did.	US-PGPUB; USPAT	OR	OFF	2010/11/18 12:17
S75	33	S74 and (search query) near5 (range multidimension\$4 algorithm heuristic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/18 12:18
S76	2	(range near4 search) and divide-and-conquer and (database aggregate and query) and (multi-dimension\$4 multidimension\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/18 12:25

EAST Search History (Prior Art)

S77	25	(US-20030055640-\$ or US-20060074824-\$ or US-20040049514-\$).did. or (US-5832182-\$ or US-7194483-\$ or US-7246125-\$ or US-7076502-\$ or US-7283971-\$ or US-7139703-\$ or US-5708774-\$ or US-5901246-\$ or US-6745184-\$ or US-5136686-\$ or US-5568590-\$ or US-5581657-\$ or US-7711662-\$ or US-5930780-\$ or US-6182245-\$ or US-6711607-\$ or US-6782515-\$ or US-6918098-\$ or US-7395250-\$ or US-5806061-\$ or US-7167856-\$ or US-7206778-\$).did.	US-PGPUB; USPAT	OR	OFF	2010/11/18 12:46
S78	680	(binary near4 tree) and (DB database) and (cluster range dimension array indices) and (select\$4 "best" find) with (algorithm complexity)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/18 12:48
S79	30	S71 and S78	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/18 12:48
S80	13	("best" near4 (search complexity heuristic algorithm solution)) and S77	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/18 13:17
S81	1	(binary near4 tree) and (DB database) and (cluster range dimension array indices) and S80	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/18 13:17

EAST Search History (Prior Art)

S82	26	(US-20030055640-\$ or US-20060074824-\$ or US-20040049514-\$).did. or (US-5832182-\$ or US-7194483-\$ or US-7246125-\$ or US-7076502-\$ or US-7283971-\$ or US-7139703-\$ or US-5708774-\$ or US-5901246-\$ or US-6745184-\$ or US-5136686-\$ or US-5568590-\$ or US-5581657-\$ or US-7711662-\$ or US-5930780-\$ or US-6182245-\$ or US-6711607-\$ or US-6782515-\$ or US-6918098-\$ or US-7395250-\$ or US-5806061-\$ or US-7167856-\$ or US-7206778-\$ or US-7444308-\$).did.	US-PGPUB; USPAT	OR	OFF	2010/11/18 16:21
S83	0	S82 and (multi-dimensional multidimension\$3) and bitmap	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/18 16:22
S84	435	((query search) same (aggregate warehouse db database)) and (multi-dimensional multidimension\$3) and bitmap	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/18 16:23
S85	145	S84 and (range and selection) and (algorithm same (improv\$4 performance optimiz\$4 speed))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/18 16:25
S86	131	S85 and threshold and ((hit count (return near4 result nuber value))) and ((set tuple range) with (size dimension maximum))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/18 16:26
S87	131	S86 and (((set range) with (search index\$4 encod\$4 evaluat\$4 select\$4 adopt\$4)) and threshold)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/18 16:29

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S88	0	("break-even" same algorithm and (set criteria encod\$4 optimal index\$4 query)) and S87	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/18 16:31
S89	0	"break-even" and algorithm and (set criteria encod\$4 optimal index\$4 query) and S87	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/18 16:31
S90	131	algorithm same (set criteria encod\$4 optimal index\$4 query) and S87	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/18 16:31
S91	0	"break-even" and S87	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/18 16:32
S92	77	S90 and @rlad<"20030708"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/18 16:33
S93	54	S90 not S92 and (aggregate warehouse database structured) same (search query)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/18 16:34
S94	14	S92 not Ginter.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/18 16:38

EAST Search History (Prior Art)

S95	14	bitmap and indexing and query and break-even	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/18 16:51
S96	17	break-even and query and B-tree	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/19 17:15

EAST Search History (Interference)

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